

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.  
A35901-074224.0114

Serial No.  
10/617,239



**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

(Use several sheets if necessary)

Applicants  
Masahiro Ohgami et al.

Filing Date  
July 10, 2003

Group Art Unit  
2877 1742

**U.S. PATENT DOCUMENTS**

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
0Y	3 7 0 4 1 8 0	11/28/1972	Heitmann et al.			

**FOREIGN PATENT DOCUMENT**

	Document No.	Date	Country	Class	SubClass	Translator Yes No
0Y	0 1 6 2 9 9 8	08/30/2001	WO			N/A
	1 2 6 4 9 1 0	12/11/2002	EP			N/A
	0 2 4 0 7 3 1	05/23/2002	WO			N/A
	0 8 8 5 9 7 8	12/23/1998	EP			N/A
	1 1 2 5 6 2 6 8	09/21/99	JP			X*

\* English language translation of the Abstract is enclosed.

**OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)**

Communication from European Patent Office enclosing European search report under Rule 46(1) EPC  
Application No. 03015517.0-2122

Examiner

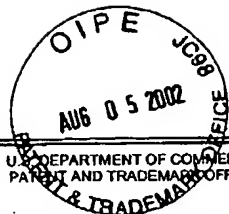
Deborah Lee

Date Considered

11-3-04

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

NY02:466996.1

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
220657US0SERIAL NO.  
10/103,987

## LIST OF REFERENCES CITED BY APPLICANT

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Kazushige YODA, et al.FILING DATE  
March 25, 2002GROUP  
~~4734~~ 1742

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

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TC 1700

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
dy	AO	0 555 552	08/18/93	EUROPE		
	AP	WO 01/16040	03/08/2001	WIPO		
	AQ	1 013 619	06/28/2000	EUROPE		X
↓	AR	0 864 546	09/16/98	EUROPE		X
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	AT					
	AU					
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

dy	AW	Patent Abstract of Japan, JP 61-197444, September 1, 1988
oy	AX	Patent Abstracts of Japan, JP 63-040743, February 22, 1988
	AY	
	AZ	

Examiner

Deborah Yee

Date Considered

11-3-02

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Ohgami *et al.*

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Group  
To be assigned

1742



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**FOREIGN PATENT DOCUMENT**

	Document No.								Date	Country	Class	SubClass	Translator	
													Yes	No
0	1	0	0	1	7	9	8	0	Jan. 20, 1998	Japan	///	///	X**	
	0	0	0	5	4	0	6	1	Feb. 22, 2000	Japan	///	///	X**	
	0	0	2	3	0	7	9	2	Sept. 5, 2000	Japan	///	///	X**	
	0	8	0	1	3	0	8	3	Jan. 16, 1996	Japan	///	///	X**	
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	0	9	1	6	5	6	2	0	June 24, 1997	Japan	///	///	X**	
	0	9	1	6	5	6	4	4	June 24, 1997	Japan	///	///	X**	
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	1	0	1	7	6	2	3	7	June 30, 1998	Japan	///	///	X**	
✓	1	0	1	0	2	2	0	4	April 21, 1998	Japan	///	///	X**	

\*\* English-language translation of abstract enclosed.

NY02:451530.1

Examiner

Deborah Yel

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11-3-04

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*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
01	4 2 1 9 3 7 1	August 26, 1980	Nakasugi et al.			

**FOREIGN PATENT DOCUMENT**

	Document No.	Date	Country	Class	SubClass	Translator Yes No
01	1 0 2 6 5 8 4 4	October 6, 1998	Japan**			X*
1	1 0 0 1 7 9 8 0	January 20, 1998	Japan**			X*
20	0 0 0 5 4 0 6 1	February 22, 2000	Japan**			X*
1	0 7 5 7 1 1 3	February 5, 1997	EPO			N/A

\* English language translation of the Abstract is enclosed.

\*\* Relevance provided in the enclosed English language EP0 Search Report

**OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)**

Communication from European Patent Office dated January 30, 2004 enclosing European search report for related EPC Application No. 03015517.0-2122

"Impurities in Engineering Materials" Edited by Clyde L. Briant, 1999, Marcel Dekker, Inc. USA, Entire Book

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11-3-04

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NY02:483061.1